

**EVEREADY BATTERY COMPANY, INC.** 

Classification:

www.energizer.com

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# **ENERGIZER NO. NH15**

## Specifications

Rechargeable



**Chemical System:** 

Nickel-Metal Hydride (NiMH)

Designation: ANSI-1.2H2 Nominal Voltage: 1.2 Volts

**Typical Capacity:** 2500 mAh (to 1.0 volts)

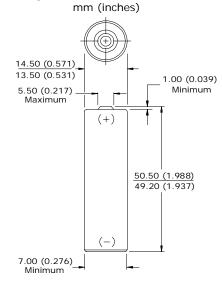
Based on 500 mA (0.2C) discharge rate

Typical Weight: 28.1 grams (1.01 oz.)

8.3 cubic centimeters (0.5 cubic inch) **Typical Volume:** 

Jacket: Plastic Label

## **Industry Standard Dimensions**

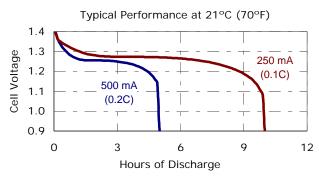


### Internal Resistance:

The internal resistance of the cell varies with state of charge, as follows:

Cell Charged Cell 1/2 Discharged 30 milliohms 40 milliohms (tolerance of ±20% applies to above values)

# Typical Discharge Characteristics



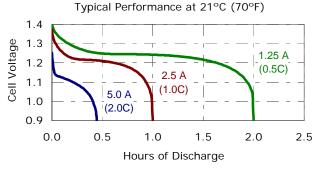
## AC Impedance (No Load):

The impedance of the charged cell varies with frequency, as follows:

Frequency (Hz) Impedance (milliohms) (Charged Cell)

1000 12

Above values based on AC current set at 1.0 ampere. Value tolerances are ±20%.



## **Operating and Storage Temperatures:**

To maintain maximum performance, observe the following general guidelines regarding environmental conditions.

> Charge: 0°C to 40°C (32°F to 104°F) Discharge: 0°C to 50°C (32°F to 122°F) -20°C to 30°C (-4°F to 86°F) Storage:

Humidity: 65±20%

Operating at extreme temperatures, will significantly impact battery cycle life.

### Important Notice

This data sheet contains information specific to batteries manufactured at the time of its publication. Contents herein do not constitute a warranty.

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